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UV Bulk Mail Irradiation System

Abstract

The UV Bulk Mail Irradiation System consists of a chamber for disinfecting mail that has become contaminated by pathogens and spores such as *Bacillus anthracis* (anthrax bacteria) and *Bacillus magaterium* sp. (anthrax spores). Contaminated mail is placed in the chamber. Consideration for the characteristics of the chamber in which the contaminated mail has been place, the location of the C-band ultraviolet lights, the duration of the sterilization process allow effective elimination of this biohazard from the contaminated mail.

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